

## **ABSTRACT OF THE DISCLOSURE**

An electric connector is composed of a female connector (1) with an insulated housing (2) and a male connector (21) with a housing (22) having a cavity (23). The housing (2) has compartments (3) to discretely hold socket contacts (42) each lying on its side and secured on a wire end (41). A lance (43) of each socket contact faces sideways so as to be latched by a lug (4) formed in and protruding from an inner wall surface of each compartment (3). Characteristically, peep holes (16,17) are formed in the upper wall (14) or lower wall (15) of the female housing (2), such that the lugs (4) are exposed to the outside. The male housing (22) will cover and hide the peep holes when the female housing is inserted into the cavity (23). The lance of each socket contact can visually be checked to confirm its exact engagement with the lug, ensuring exact mutual connection of the female and male connectors, rendering the electric connector as a whole reliable in performance, nevertheless making it compacted and resistant to high voltages.